

ABSTRACT

A passenger detector detects a passenger occupying a seat based on his/her weight. Output signals of the passenger detector are fed to, e.g., an airbag controller so that a degree of inflation of the airbag is controlled according to the output signals of the passenger detector. The passenger detector is composed of an ECU and load sensors for detecting a load imposed on the seat. The ECU includes a ROM in which an original design-target threshold load for detecting a passenger is stored and a rewritable memory such as EEPROM in which a load for adjusting the design-target threshold load according to an actual operation of the load sensors is stored. The adjusting load stored in the rewritable memory is easily renewed by communication with an outside adjusting tool.